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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No. .... 6,784,052 B2  
Patent Issue Date ..... August 31, 2004  
Application Serial No. .... 10/676,498  
Filing Date ..... September 30, 2003  
Assignee ..... Micron Technology, Inc.  
Inventorship ..... Schuegraf et al.  
Attorney's Docket No. .... MI22-2410  
Title: Method of Forming A Capacitor With Two Diffusioin Barrier Layers Forming  
in the Same Step

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT FOR  
APPLICANT MISTAKES and PTO MISTAKES (37 C.F.R. §§ 1.322(a) and 1.323)**

To: Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
ATTN: Decision and Certificate of Correction  
Branch of the Patent Issue Division

**Certificate**  
**JAN 27 2005**  
**of Correction**

From: David G. Latwesen, Ph.D. (Tel. 509-624-4276; Fax 509-838-3424)  
Wells St. John P.S.  
601 W. First Avenue, Suite 1300  
Spokane, WA 99201-3828

Sir:

It is hereby requested that a Certificate of Correction be issued with respect to Patent No. 6,784,052 B2, granted August 31, 2004, in accordance with the Certificate of Correction form attached hereto in duplicate.

It is noted that errors appear in this patent of a typographical nature of character, as more fully described below. The errors occurred in good faith. Correction thereof does not involve such changes in the patent as would constitute new matter or would require re-examination.

01/24/2005 YPOLITE2 00000011 6784052

01 FC:1811

100.00 OP

Other errors listed on the Certificate of Correction form were apparently incurred through the fault of the PTO as will be disclosed by the records of files in the Office.

Attached hereto, in duplicate, is Form PTO-1050, with at least one copy being suitable for printing.

The exact page and line number where the errors occur in the application file are:

Page 12, line 13;

Page 16, line 5.

Enclosed is a check in the amount of \$100.00, as required by 37 CFR 1.20(a).

Respectfully submitted,

Dated: \_\_\_\_\_

1/17/05

By: \_\_\_\_\_



David G. Latwesen, Ph.D.  
Reg. No. 38,533

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 6,784,052 B2  
DATED : August 31, 2004  
INVENTOR(S) : Schuegraf et al.

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 5, Line 34  
Replace "photoresis:"  
With --photoresist--.

Col. 5, Line 46  
Delete "to" after "describing".

Col. 7, Line 64  
Replace "provide"  
With --provided--.

Col. 7, Line 52, Claim 1  
Replace "soaced"  
With --spaced--.

Col. 7, Line 64, Claim 1  
Replace "region"  
With --region,--.

Col. 7, Line 65, Claim 1  
Insert --over-- after "layer".

Col. 8, Line 31, Claim 6  
Replace "ever"  
With --over--.

Page  
1 of 2

**Mailing Address of Sender:**  
David G. Latwesen, Ph. D.  
Wells St. John P.S.  
601 West First Avenue, Suite 1300  
Spokane, WA 99201-3828

Patent No. 6,784,052 B2

UNITED STATES PATENT AND TRADEMARK OFFICE

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Col. 8, Line 38, Claim 7  
Replace "deDeistion step; xetching;"  
With --deposition step; etching--.

Col. 8, Line 39, Claim 7  
Replace "wlectrically"  
With --electrically--.

Col. 8, Line 41, Claim 7  
Replace "deDeistion steD;"  
With --deposition step--.

Col. 8, Line 42, Claim 7  
Replace "matenal"  
With --material--.

Page  
2 of 2

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Patent No. 6,784,052 B2

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Patent No. 6,784,052 B2



PTO/SB/21 (03-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/676,498
	Filing Date	September 30, 2003
	First Named Inventor	Schuegraf et al.
	Art Unit	2824
	Examiner Name	B. Smith
Total Number of Pages in This Submission	Attorney Docket Number	MI22-2410

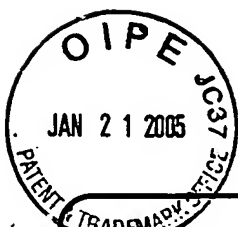
ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to a Technology Center (TC)
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Return Receipt Postcard; Certificate of Correction(2)
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Additional Enclosure: Request for Certificate of Correction; A \$100.00 Check	
	Patent No.: 6,784,052 B2	
	Issued: August 31, 2004	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	David G. Latwesen, Ph.D., Reg. No. 38,533 Wells St. John, P.S.
Signature	
Date	1/17/05

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 1-18-2005	
Typed or printed	Natalie King
Signature	
Date	1/18/2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



<b>TRADEMARK</b> Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).		<b>Complete if Known</b>	
<b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		Application Number	10/676,498
		Filing Date	September 30, 2003
		First Named Inventor	Schuegraf et al.
		Examiner Name	B. Smith
		Art Unit	2824
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No.	MI22-2410
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 100.00			

**METHOD OF PAYMENT** (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 23-0925 Deposit Account Name: Wells St. John, P.S.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

**Total Claims** \_\_\_\_\_ **Extra Claims** \_\_\_\_\_ **Fee (\$)** \_\_\_\_\_ **Fee Paid (\$)** \_\_\_\_\_

\_\_\_\_\_ - 20 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of total claims paid for, if greater than 20.

**Indep. Claims** \_\_\_\_\_ **Extra Claims** \_\_\_\_\_ **Fee (\$)** \_\_\_\_\_ **Fee Paid (\$)** \_\_\_\_\_

\_\_\_\_\_ - 3 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____	_____	_____ / 50 = _____ (round up to a whole number) x _____ = _____		

**4. OTHER FEE(S)**

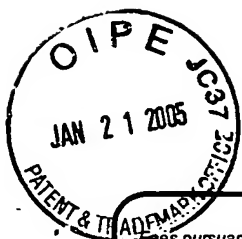
	Fees Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)	
Other (e.g., late filing surcharge): Certificate of Correction	100.00

<b>SUBMITTED BY</b>		
Signature	Registration No. 38,533 (Attorney/Agent)	Telephone 509.624.4276
Name (Print/Type) David G. Latwesen, Ph.D.		Date 11/17/05

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Signature	Registration No. 38,533 (Attorney/Agent)	Telephone 509.624.4276
Name (Print/Type) David G. Latwesen, Ph.D.		Date 11/17/03

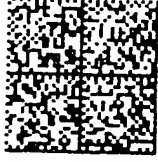
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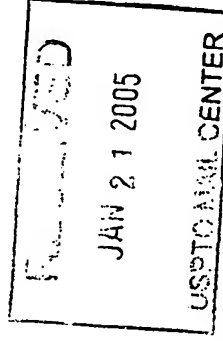


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\$00.83

0002358279 JAN 17 2005

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Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

ATTN: Decision and Certificate of Correction

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22313-1450 93

